

**REDACTED FOR PUBLIC INSPECTION -- SUBJECT TO
REQUEST FOR CONFIDENTIAL TREATMENT**

T-Mobile South LLC

**T-Mobile South LLC Petition for
Eligible Telecommunications Carrier Designation
In the State of North Carolina**

**SERVICE IMPROVEMENT PLAN
(as of April 20, 2011)**

**T-Mobile South LLC Plan for Network Improvements
Upon the Receipt of Mobility Fund Universal Service Support in the
State of North Carolina**

Contingent on being granted eligible telecommunications carrier (“ETC”) status in the State of North Carolina, and on being the winning bidder for the census blocks for which it will seek support in FCC Auction 901, T-Mobile South LLC (“T-Mobile”) will use the Mobility Fund Phase I universal service support it receives to provide 3G or better mobile voice and broadband service to unserved areas in the State of North Carolina.

T-Mobile is already a provider of 2G, 3G, and 4G services in the State of North Carolina, covering more than nine million people and 26,000 square miles with 2G services, and more than four million people and 5,000 square miles with 3G or 4G services as of April 1, 2012. T-Mobile’s Service Improvement Plan (“SIP”) will allow it to extend the availability of its mobile voice and broadband services to areas of the state that currently do not have access to 3G or better capability. Specifically:

- Service improvement projects would be designed using industry standard computer modeling techniques to provide 3G or better mobile voice and broadband services at the required minimum throughputs of 200kbps downlink and 50kbps uplink, across at least 75% of road miles of the awarded eligible census blocks. These service improvement criteria are consistent with the FCC’s Report and Order, *Connect America Fund et al.*, WC Docket Nos. 10-90 *et al.*, FCC 11-161, paras. 360-365 (rel. Nov. 18, 2011).
- T-Mobile expects all service improvement projects to conclude within 2 years of the start date, barring unforeseen circumstances outside of T-Mobile’s control.
- Based on the preliminary list of eligible census blocks made available by the FCC as of February 10, 2012 (*Mobility Fund Phase I Auction Updated List of Potentially Eligible Census Blocks*, AU Docket No. 12-25, FCC Public Notice DA 12-187, rel. Feb. 10, 2012), T-Mobile has identified the following projects that T-Mobile plans to pursue using Mobility Fund universal service support, contingent on winning the bids for the underlying eligible census blocks in the area and the FCC granting its long-form application:

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The benefits of universal service funding will be significant for affected consumers, including, but not limited to:

- the construction of new cell sites and other network enhancements to expand coverage and network reliability in rural areas;
- the marketing and offering of T-Mobile's Lifeline service, including bundled service options, in areas that previously were unserved; and
- the availability of new services and features, including access to 3G or better mobile broadband speeds.

As these universal service initiatives indicate, consumers in areas where T-Mobile wins Mobility Fund support will significantly benefit from its receipt of such support. The planned new cell sites will benefit consumers who live, work and travel through the currently unserved areas where T-Mobile will deploy such service.